

Mendoza, Ramon

From: Griffith, Garry T. [gtgriffi@GAPAC.com]
Sent: Wednesday, October 23, 2013 1:41 PM
To: Mendoza, Ramon
Cc: 'Hritsuk, Eric'
Subject: RE: Plainwell No. 2 Dam Area Bank Repair Technical Memorandum

Ramon,

The following is in follow up to our telephone conversation today:

1. On October 22nd I walked RA-4A to assess the condition of the bank. The river flow at Comstock today was ~700 cfs, which is about 200 cfs lower than during the June 11, 2013 inspection. The bank above the water line is well vegetated. There appeared to be very little vertical bank above the water and the total vertical bank (combined above and below the water) was observed to be about 1 foot in a relatively small portion of the area. Most of the area appeared to have a gentle bank slope similar to surveyed transect. As such, the appearance is much different (for the better) than during the June 11 inspection. While I do not believe there is a need for maintenance in RA-4A, we can discuss while we are on site during the other bank work.
2. Upon approval this week, JF New will plan to begin construction and installation of the woody bank protection and willow plantings at Plainwell 2 and the willow plantings at the former Plainwell Impoundment sites on November 4. They expect the work to be completed within one week. As such I request that you be on-site on November 5 or 6.

Let me know if you have any questions on the content of this e-mail. I look forward to receiving EPA authorization to complete the bank maintenance work. Thanks for your timely review of the plan.

Regards,

Garry Griffith, P.E.
Georgia-Pacific LLC
734.735.0780

From: Mendoza, Ramon [mailto:mendoza.ramon@epa.gov]
Sent: Tuesday, October 22, 2013 8:56 AM
To: Griffith, Garry T.
Subject: RE: Plainwell No. 2 Dam Area Bank Repair Technical Memorandum

Hello Gary, This addresses my main concern. Thanks. However, I would like to return to 4B Plainwell Dam 2 in Oct or Nov to confirm that no repairs are needed this year. I am confused that we both (and Paul) saw erosion in 4b on June 11 but your contractors did not, and therefore took it off the repair list. I should be able to send you the official approval letter to proceed with repairs (with the contingency for inspection at 4b) by Friday this week close of business.

Please call if any questions.

Thanks,

Ramon

312-802-1409

From: Griffith, Garry T. <gtgriffi@GAPAC.com>
Sent: Monday, October 21, 2013 11:39 AM

To: Mendoza, Ramon

Subject: Fw: Plainwell No. 2 Dam Area Bank Repair Technical Memorandum

Is this reply sufficient?

Sent from my BlackBerry Wireless Handheld

From: Brian Majka [<mailto:Brian.Majka@cardno.com>]

Sent: Monday, October 21, 2013 09:22 AM Central Standard Time

To: Griffith, Garry T.

Cc: 'Eric.Hritsuk@arcadis-us.com' <Eric.Hritsuk@arcadis-us.com>

Subject: RE: Plainwell No. 2 Dam Area Bank Repair Technical Memorandum

Large woody debris/brush bundles were installed in multiple locations along the Kalamazoo River as part of the Kalamazoo River Bank Erosion Assessment System, a team made up of consultants and MDEQ that assessed and addressed incident-related erosion along the Kalamazoo. The entire river was monitored by the team, and when appropriate stabilization measures were recommended. A report detailing the assessment and proposed stabilization techniques was submitted to MDEQ for approval after each monitoring event, who then circulated to the incident trustees.

The LWD/brush technique was installed at multiple locations, including MP 2.25L1, 2.65L1, 6.75L1, 8.25L1, 8.40L1, 9.90L1, 10.00L1, 10.00 R1, 10.35L2, 11.15R1, 11.70L1, 11.80L1, 13.25L1, and 13.70L1. All sites were monitored for a period of 12 months after installation. Generally speaking, the techniques were effective and held up well under normal conditions. Excessive incident-related boat use and animal depredation did necessitate repairs in a few locations during the monitoring period, which typically consisted of supplementing the treatment areas with additional wood/brush.

Brian Majka

OPERATIONS MANAGER
CARDNO JFNEW

Phone (+1) 616-847-1680 Fax (+1) 616-847-9970 Mobile (+1) 574-229-1667
Address 11181 Marwill Avenue, West Olive, MI 49460 USA
Email brian.majka@cardno.com Web www.cardno.com - www.cardnojfnew.com

From: Griffith, Garry T. [<mailto:gtgriffi@GAPAC.com>]

Sent: Friday, October 18, 2013 4:57 PM

To: Brian Majka

Cc: 'Eric.Hritsuk@arcadis-us.com'

Subject: Fw: Plainwell No. 2 Dam Area Bank Repair Technical Memorandum

Brian, would you provide a response to the first bullet?

Sent from my BlackBerry Wireless Handheld

From: Mendoza, Ramon [<mailto:mendoza.ramon@epa.gov>]

Sent: Friday, October 18, 2013 03:49 PM Central Standard Time

To: Griffith, Garry T.

Subject: FW: Plainwell No. 2 Dam Area Bank Repair Technical Memorandum

Hello Gary, A couple of initial comments on the subject:

- Provide more detailed information regarding effectiveness of Brush Wattles/Woody Debris Method at the Enbridge Spill response site: Such as: 1) Did MDEQ/EPA approve? ; 2) Specific Areas cited.
- I agree on the locations identified for repair. However, be advised I will inspect the 4B again this Fall and if the erosion we observed on June 11 is confirmed I will request that the area be added to the list.

Thanks, Ramon

From: Hritsuk, Eric [<mailto:Eric.Hritsuk@arcadis-us.com>]

Sent: Friday, October 04, 2013 2:13 PM

To: Mendoza, Ramon

Cc: VanDewalker, Heather; 'Bucholtz, Paul (DEQ)'; 'Hanshue, Sharon (DNR)'; 'Mills, Mark (DNR)'; 'Lisa_Williams@fws.gov'; 'Griffith, Garry T. (gtgriffi@GAPAC.com)'; 'Alfano, Judith (DEQ)'; 'Julie Sims'; Todd.Goeks@noaa.gov; Saric, James; Rathbun, Joseph (DEQ) (RATHBUNJ@michigan.gov); Fortenberry, Chase; 'Bondy, Garret E' (Garret.Bondy@amec.com)

Subject: Plainwell No. 2 Dam Area Bank Repair Technical Memorandum

Ramon,

On behalf of Garry Griffith of Georgia-Pacific, I am pleased to submit this Plainwell No. 2 Dam Area Bank Repair Technical Memorandum for your review. The memo was prepared in response to our September 23, 2013 conference call. We would appreciate review and approval of this memo within the next couple weeks so that we can implement bank repairs this construction season.

A hard copy of the memo is being sent to Ramon Mendoza of USEPA.

If you have any questions concerning the attached materials or this email, please let us know.

Eric Hritsuk

Eric Hritsuk | Project Civil Engineer | eric.hritsuk@arcadis-us.com

ARCADIS U.S., Inc. | 10 S. Riverside Plaza, Suite 1900 | Chicago, Illinois 60606

T: 312 575 3732 | M: 847 977 5808 | F: 312 775 9322

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